	F	xploring the Ex	treme				
2004 Science Curriculum Frameworks							
Grades PK-2							
Activity/Lesson	State	Standards					
Finding the Center of		SCI.PK-2.A	Make observations and ask questions about				
Gravity Using Rulers	CT	INQ.1	objects, organisms and the environment.				
Finding the Center of		SCI.PK-2.A	Use senses and simple measuring tools to				
Gravity Using Rulers	CT	INQ.2	collect data.				
Finding the Center of	I	SCI.PK-2.A	Make predictions based on observed				
Gravity Using Rulers	СТ	INQ.3	patterns.				
		001 511 5					
Finding the Center of	I	SCI.PK-2.A	Use nonstandard measures to estimate and				
Gravity Using Rulers	СТ	INQ.8	compare the sizes of objects.				
	_						
	<u> </u>	xploring the Ex					
	<u> </u>	2004 Science arriculum Frame					
Connecticut Science		irriculum Frame	eworks				
Grade 1	2 						
Activity/Lesson	State	Standards					
Activity/Lesson	State	Standards	An object's position can be described by				
Finding the Center of			locating it relative to another object or the				
Gravity Using Rulers	I	SCI.1.	background.				
Gravity Comig Haioro			acongressing.				
Finding the Center of		SCI.1.A.1.1.A	Describe how the motion of objects can be				
Gravity Using Rulers		10	changed by pushing and pulling.				
Finding the Center of			An object's position can be described by				
Gravity Using Plumb			locating it relative to another object or the				
Lines	СТ	SCI.1.	background.				
Finding the Center of							
Gravity Using Plumb		SCI.1.A.1.1.A	Describe how the motion of objects can be				
Lines	СТ	10	changed by pushing and pulling.				
		-	2 2 3 2 2 2 7 F 2 2 1 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2				
	E	xploring the Ex	treme				
	_	2004 Science					
	Cı	urriculum Frame					
Connecticut Science	9						
Connecticut Science Grades 3-5	e 						
	State	Standards					
Grades 3-5 Activity/Lesson	State	Standards					
Grades 3-5 Activity/Lesson Finding the Center of	State	SCI.3-5.B					
Grades 3-5 Activity/Lesson	State		Design and conduct simple investigations.				
Grades 3-5 Activity/Lesson Finding the Center of Gravity Using Rulers	State CT	SCI.3-5.B INQ.3	Analyze, critique and communicate				
Grades 3-5 Activity/Lesson Finding the Center of	State CT	SCI.3-5.B					

Finding the Center of						
Gravity Using Plumb		SCI.3-5.B				
Lines	СТ	INQ.3	Design and conduct simple investigations.			
Finding the Center of			Analyze, critique and communicate			
Gravity Using Plumb		SCI.3-5.B	investigations using words, graphs and			
Lines	СТ	INQ.6	drawings.			
Changing the Center			a.a.m.ge.			
of Gravity Using		SCI.3-5.B				
Moment Arms	СТ	INQ.3	Design and conduct simple investigations.			
Changing the Center			Analyze, critique and communicate			
of Gravity Using		SCI.3-5.B	investigations using words, graphs and			
Moment Arms	СТ	INQ.6	drawings.			
Womone 7 amo		SCI.3-5.B	Use data to construct reasonable			
Jet Propulsion	СТ	INQ.5	explanations.			
oct i ropaioion		1110.0	Analyze, critique and communicate			
		SCI.3-5.B	investigations using words, graphs and			
Jet Propulsion	СТ	INQ.6	drawings.			
oct i ropaioion		1114.0	arawingo.			
		SCI.3-5.B	Make observations and ask questions about			
Vectoring	СТ	INQ.1	objects, organisms and the environment.			
Vocaming		SCI.3-5.B	Use data to construct reasonable			
Vectoring	СТ	INQ.5	explanations.			
Vocaming			Analyze, critique and communicate			
		SCI.3-5.B	investigations using words, graphs and			
Vectoring	СТ	INQ.6	drawings.			
T coloring			a.a.m.ge.			
	E	xploring the Ex	treme			
		2004 Scienc	e			
	Cu	ırriculum Frame	eworks			
Connecticut Science	e					
Grade 4						
Activity/Lesson	State	Standards				
Finding the Center of			The size of the change in an object's motion			
Gravity Using Rulers		SCI.4.	is related to the strength of the push or pull.			
Finding the Center of						
Gravity Using Plumb			The size of the change in an object's motion			
Lines	СТ	SCI.4.	is related to the strength of the push or pull.			
Changing the Center						
of Gravity Using			The size of the change in an object's motion			
Moment Arms	СТ	SCI.4.	is related to the strength of the push or pull.			
		<u> </u>				
	E	xploring the Ex				
		2004 Scienc				
Curriculum Frameworks						
Crades 6.8	e 					
Grades 6-8	Ctoto	Ctondond-				
Activity/Lesson	State	Standards	Colontific inquiry progresses through a			
			Scientific inquiry progresses through a			
Jet Propulsion	СТ	SCI.6-8.	continuous process of questioning, data collection, analysis and interpretation.			
DELETODOISION	ICI	1301.0-0.	rconection, analysis and interpretation.			

			Identify independent and dependent				
		SCI.6-8.C	variables, and those variables that are kept				
Jet Propulsion	СТ	INQ.4	constant, when designing an experiment.				
·		SCI.6-8.C	Use appropriate tools and techniques to				
Jet Propulsion	СТ	INQ.5	make observations and gather data.				
-			Scientific inquiry progresses through a				
			continuous process of questioning, data				
Vectoring	СТ	SCI.6-8.	collection, analysis and interpretation.				
		SCI.6-8.C	Identify questions that can be answered				
Vectoring	CT	INQ.1	through scientific investigation.				
			Identify independent and dependent				
		SCI.6-8.C	variables, and those variables that are kept				
Vectoring	CT	INQ.4	constant, when designing an experiment.				
		SCI.6-8.C	Use appropriate tools and techniques to				
Vectoring	СТ	INQ.5	make observations and gather data.				
		SCI.6-8.C	Provide explanations to investigated				
Vectoring	СТ	INQ.9	problems or questions.				
		SCI.6-8.C	Identify and present relationships between				
Fuel Efficiency	СТ	INQ.7	variables in appropriate graphs.				
		Exploring the E					
		2004 Scier					
	Curriculum Frameworks						
Connecticut Scien	ce						
Grade 8	01-1-	0111-					
Activity/Lesson	State	Standards					
			The metion of an abject can be described by				
Jet Propulsion	СТ	SCI.8.	The motion of an object can be described by its position, direction of motion and speed.				
Jet Propulsion	CI	301.0.	its position, direction of motion and speed.				
			The motion of an object can be described by				
Vectoring	СТ	SCI.8.	its position, direction of motion and speed.				
Vectoring		301.0.	no position, direction of motion and speed.				
Center of Gravity,			The motion of an object can be described by				
Pitch, Yaw	СТ	SCI.8.	its position, direction of motion and speed.				
i itori, ravv	<u> </u>	001.0.	no position, direction of motion and speed.				